



Industrial de Valvulas, S.A de C.V.
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol
 Tepozcoilan, Estado de Mexico C.P. 54600

(Numero) Number V08C17777
 (Fecha) Date 05/06/2008

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)
 ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO

WE CERTIFY THAT THE PRODUCT LISTED BELOW WAS DESIGNED, MANUFACTURED AND TESTED ACCORDING TO OUR QUALITY SYSTEM AND REQUIREMENTS GIVEN IN ONE OR MORE OF THE FOLLOWING STANDARDS LAST EDITION:
 (CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PRABADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICION.)

- API 598 - VALVE INSPECTION AND TESTING
- API 599 - METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- ANSI B16-10 - FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- ANSI B16-34 - VALVES - FLANGED, THREADED AND WELDING ENDS
- MSS-SP61 - PRESSURE TESTING OF STEEL VALVES

- API 6D - PIPELINE VALVES - GATE, PLUG, BALL ANF CHECK
- API 600 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
- ANSI B16-11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. **AC032A08MAB**

(Codigo) **3" Fig. 5206 F UT WCB, API TRIM No.8 830000K**

Description **CAST STEEL GATE VALVE (VALVULA COMPUERTA DE ACERO FUNDIDO)**

VALVE WITH LOW EMISSION CONTROL (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

TEST	REQUIREMENT	ACTUAL	REMARKS
PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	1125	1125
	BACK (SEAT)	1125	N/A
	SIDE (LADO)	1	2
HYDROSTATIC (PSI) (HIDROSTATICA)			N/A
PNEUMATIC (PSI) (PNEUMATICA)			80
			80

CHEMICAL COMPOSITION (%)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb
BONNET	WH28321	ASTM A-216/WCB	0.198	0.874	0.029	0.014	0.432	0.047	0.039	0.017	0.010	0.006	
BONNET	WH27219	ASTM A-216/WCB	0.201	0.933	0.033	0.018	0.438	0.012	0.030	0.005	0.010	0.001	
WEDGE	D8301	ASTM A-217/CA15	0.100	1.000	0.017	0.010	0.850	0.280	12.170	0.018	0.042	0.002	

MECHANICAL TESTS (PROP. MECANICAS)

TENS	YIELD	ELG	RED	BHN
KPSI (CNSI)	KPSI (ST)	% (ND)	% (3RD)	AVG
76,85	43,94	27	48	151
75,69	42,63	26	46	169
99,18	69,74	25	47	269

FACIO-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: 
 Sandra Ruiz

QUALITY ASSURANCE